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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2024 Defense Information Systems Agency **Date:** March 2023

| <b>Appropriation/Budget Activity</b><br>0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide I BA 7: Operational Systems Development</i> |             |         |         |              | <b>R-1 Program Element (Number/Name)</b><br>PE 0305251K / <i>Cyberspace Operations Forces and Force Support</i> |               |         |         |         |         |                  |            |            |
|---|-------------|---------|---------|--------------|---|---------------|---------|---------|---------|---------|------------------|------------|------------|
| COST (\$ in Millions)   | Prior Years | FY 2022 | FY 2023 | FY 2024 Base | FY 2024 OCO   | FY 2024 Total | FY 2025 | FY 2026 | FY 2027 | FY 2028 | Cost To Complete | Total Cost |            |
| Total Program Element   | 0.000       | 0.000   | 7.497   | 0.000        | -   | 0.000         | 0.000   | 0.000   | 0.000   | 0.000   | -                | Continuing | Continuing |
| JH1: <i>JFHQ-DODIN Operations</i>   | 0.000       | 0.000   | 7.497   | 0.000        | -   | 0.000         | 0.000   | 0.000   | 0.000   | 0.000   | -                | Continuing | Continuing |

**A. Mission Description and Budget Item Justification**

Data Science/Data Engineering Analytics Capability Support (\$2.4M) JFHQ-DODIN utilizes this capability to architect and orchestrate tools leveraging the latest advancements in data and information science. As the cyber landscape and malicious cyber actors (MCAs) continue to evolve and advance, the command is enabled and the capacity to move at tempo and scale to address the range of vulnerabilities across the DODIN terrain. This allows the cyber environment to exploit known vulnerabilities and track on-going discovery of zero-days, while shifting attack of MCAs rendering information sharing agreements as moot. The command requires a strategic architectural plan to integrate capabilities, maneuver to acquire relevant data and information necessary to automate reporting, derive situational understanding and direct defensive cyber operations (DCO). JFHQ-DODIN will acquire domain expertise to develop a software vulnerabilities classification strategy, severity metrics and corresponding prototype vulnerability detection tool for improved vulnerability discovery and mitigation.

| <b>B. Program Change Summary (\$ in Millions)</b> | <b>FY 2022</b> | <b>FY 2023</b> | <b>FY 2024 Base</b> | <b>FY 2024 OCO</b> | <b>FY 2024 Total</b> |
|---|----------------|----------------|---------------------|--------------------|----------------------|
| Previous President's Budget                       | 0.000          | 2.497          | 0.000               | -                  | 0.000                |
| Current President's Budget                        | 0.000          | 7.497          | 0.000               | -                  | 0.000                |
| Total Adjustments                                 | 0.000          | 5.000          | 0.000               | -                  | 0.000                |
| • Congressional General Reductions                | -              | -              |                     |                    |                      |
| • Congressional Directed Reductions               | -              | -              |                     |                    |                      |
| • Congressional Rescissions                       | -              | -              |                     |                    |                      |
| • Congressional Adds                              | -              | -              |                     |                    |                      |
| • Congressional Directed Transfers                | -              | -              |                     |                    |                      |
| • Reprogrammings                                  | -              | -              |                     |                    |                      |
| • SBIR/STTR Transfer                              | -              | -              |                     |                    |                      |
| • FFRDC   | -              | 5.000          | -                   | -                  | -                    |

**Change Summary Explanation**

Joint Force Headquarters DoD's Information Network (JFHQ-DoDIN) transition to CYBERCOM.

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**Exhibit R-2A, RDT&E Project Justification:** PB 2024 Defense Information Systems Agency **Date:** March 2023

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| <b>Appropriation/Budget Activity</b><br>0400 / 7 | <b>R-1 Program Element (Number/Name)</b><br>PE 0305251K / <i>Cyberspace Operations Forces and Force Support</i> | <b>Project (Number/Name)</b><br>JH1 / <i>JFHQ-DODIN Operations</i> |
|--|---|--|

| COST (\$ in Millions)             | Prior Years | FY 2022 | FY 2023 | FY 2024 Base | FY 2024 OCO | FY 2024 Total | FY 2025 | FY 2026 | FY 2027 | FY 2028 | Cost To Complete | Total Cost |
|-----------------------------------|-------------|---------|---------|--------------|-------------|---------------|---------|---------|---------|---------|------------------|------------|
| JH1: <i>JFHQ-DODIN Operations</i> | 0.000       | 0.000   | 7.497   | 0.000        | -           | 0.000         | 0.000   | 0.000   | 0.000   | -       | Continuing       | Continuing |
| Quantity of RDT&E Articles        | -           | -       | -       | -            | -           | -             | -       | -       | -       | -       |                  |            |

**A. Mission Description and Budget Item Justification**

Data Science/Data Engineering Analytics Capability Support (\$2.4M) JFHQ-DODIN utilizes this capability to architect and orchestrate tools leveraging the latest advancements in data and information science. As the cyber landscape and malicious cyber actors (MCAs) continue to evolve and advance, the command is enabled and the capacity to move at tempo and scale to address the range of vulnerabilities across the DODIN terrain. This allows the cyber environment to exploit known vulnerabilities and track on-going discovery of zero-days, while shifting attack of MCAs rendering information sharing agreements as moot. The command requires a strategic architectural plan to integrate capabilities, maneuver to acquire relevant data and information necessary to automate reporting, derive situational understanding and direct defensive cyber operations (DCO).

**B. Accomplishments/Planned Programs (\$ in Millions)**

|  | FY 2022 | FY 2023 | FY 2024 |
|--|---------|---------|---------|
| <b>Title:</b> DODIN Intelligence Driven Operations   | -       | 7.497   | -       |
| <b>Description:</b> Data Science/Data Engineering Analytics Capability Support (\$2.4M) JFHQ-DODIN utilizes this capability to architect and orchestrate tools leveraging the latest advancements in data and information science. As the cyber landscape and malicious cyber actors (MCAs) continue to evolve and advance, the command is enabled and the capacity to move at tempo and scale to address the range of vulnerabilities across the DODIN terrain. This allows the cyber environment to exploit known vulnerabilities and track on-going discovery of zero-days, while shifting attack of MCAs rendering information sharing agreements as moot. The command requires a strategic architectural plan to integrate capabilities, maneuver to acquire relevant data and information necessary to automate reporting, derive situational understanding and direct defensive cyber operations (DCO). |         |         |         |
| <b>FY 2023 Plans:</b><br>JFHQ-DODIN will acquire domain expertise to develop a software vulnerabilities classification strategy, severity metrics and corresponding prototype vulnerability detection tool for improved vulnerability discovery and mitigation.  |         |         |         |
| <b>FY 2023 to FY 2024 Increase/Decrease Statement:</b><br>Transition to CYBERCOM.  |         |         |         |
| <b>Accomplishments/Planned Programs Subtotals</b>  | -       | 7.497   | -       |

**C. Other Program Funding Summary (\$ in Millions)**

N/A

**Remarks**

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|  |   |  |
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| <b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2024 Defense Information Systems Agency |   | <b>Date:</b> March 2023  |
| <b>Appropriation/Budget Activity</b><br>0400 / 7   | <b>R-1 Program Element (Number/Name)</b><br>PE 0305251K / <i>Cyberspace Operations Forces and Force Support</i> | <b>Project (Number/Name)</b><br>JH1 / <i>JFHQ-DODIN Operations</i> |

**D. Acquisition Strategy**  
N/A



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|--|---|--|
| <b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2024 Defense Information Systems Agency |   | <b>Date:</b> March 2023  |
| <b>Appropriation/Budget Activity</b><br>0400 / 7   | <b>R-1 Program Element (Number/Name)</b><br>PE 0305251K / <i>Cyberspace Operations Forces and Force Support</i> | <b>Project (Number/Name)</b><br>JH1 / <i>JFHQ-DODIN Operations</i> |

| FY 2022 |   |   |   | FY 2023 |   |   |   | FY 2024 |   |   |   | FY 2025 |   |   |   | FY 2026 |   |   |   | FY 2027 |   |   |   | FY 2028 |   |   |   |
|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|
| 1       | 2 | 3 | 4 | 1       | 2 | 3 | 4 | 1       | 2 | 3 | 4 | 1       | 2 | 3 | 4 | 1       | 2 | 3 | 4 | 1       | 2 | 3 | 4 | 1       | 2 | 3 | 4 |

|  |  |
|--|--|
| <b><i>Data Science/Data Engineering Analytics Capability Support</i></b> |  |
| Data Science/Data Engineering Analytics Capability Support               |  |

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| <b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2024 Defense Information Systems Agency |   | <b>Date:</b> March 2023  |
| <b>Appropriation/Budget Activity</b><br>0400 / 7  | <b>R-1 Program Element (Number/Name)</b><br>PE 0305251K / <i>Cyberspace Operations Forces and Force Support</i> | <b>Project (Number/Name)</b><br>JH1 / <i>JFHQ-DODIN Operations</i> |

Schedule Details

| Events by Sub Project  | Start   |      | End     |      |
|--|---------|------|---------|------|
|  | Quarter | Year | Quarter | Year |
| <b><i>Data Science/Data Engineering Analytics Capability Support</i></b> |         |      |         |      |
| Data Science/Data Engineering Analytics Capability Support               | 1       | 2022 | 4       | 2024 |